104.9 - Stable Isotopic Materials (solid and solution forms)

The isotopic composition of these SRMs has been determined by mass spectrometry.

For light stable isotopic materials value assigned on an artifact based scale, see Table 104.10

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit of Issue	Element/Isotopic for which Composition is Certified
951a	Boric Acid Isotopic Standard	2 g powder	Boron
952	Boric Acid 95% enr. 10B	0.25 g powder	Boron
973	Boric Acid (Acidimetric Standard)	100 g	Boron
975a	Isotopic Standard for Chlorine	0.25 g	Chlorine
977	Bromine (Isotopic)	0.25 g	Bromine
978a	Silver (Isotopic)	0.25 g	Silver
979	Chromium (Isotopic)	0.25 g	Chromium
980	Magnesium (Isotopic)	0.25 g	Magnesium
981	Natural Lead (Isotopic)	1 g wire	Lead
*982	Equal-Atom Lead (Isotopic) Standard	1 g wire	Lead
*983	Radiogenic Lead (Isotopic)	1 g wire	Lead
984	Rubidium Assay (Isotopic)	0.25 g	Rubidium
986	Nickel (Isotopic)	0.5 g	Nickel
987	Strontium Carbonate (Isotopic Standard)	1 g	Strontium
994	Gallium (Isotopic)	0.25 g	Gallium
997	Thallium (Isotopic)	0.25 g	Thallium
*3231	Iodine-129 Isotopic Standard (High Level)	5x5 mL	Iodine

* These SRMs are radioactive, containing Lead-210 of natural origin. All users and purchasers must comply with all national and international regulations regarding the use and disposal of these SRMs.